

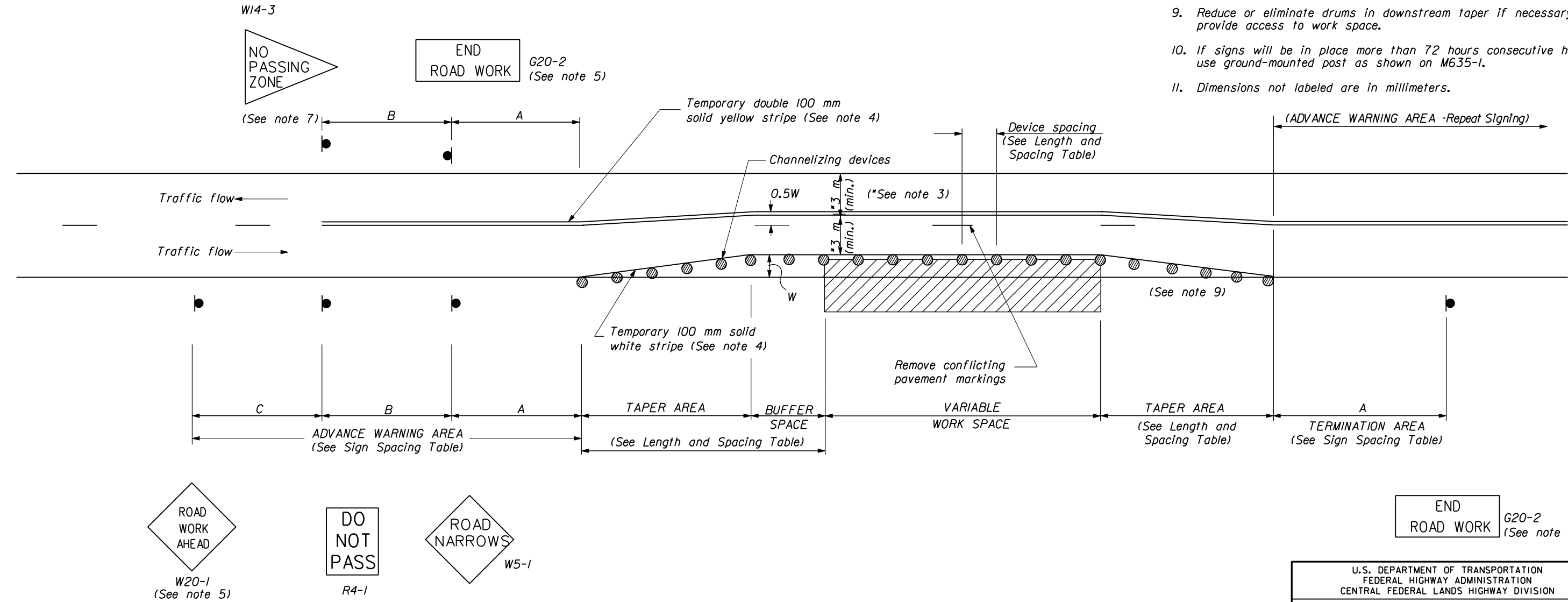
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS

LENGTH AND SPACING TABLE						
APPROACH SPEED		**MINIMUM TAPER LENGTH IN METERS	LENGTH OF BUFFER SPACE IN METERS	CHANNELIZING DEVICE SPACING		
*MILES PER HOUR	*KILOMETERS PER HOUR			**TAPER AREA	BUFFER SPACE	WORK SPACE
SPACING IN METERS						
25	40		Shifting taper formula: $L = \frac{WS^2}{310}$ for speeds of 65 km/h or less $L = \frac{W \times S}{3.2}$ for speeds of 70 km/h or greater Where: L= Minimum length of taper W= Width of offset in meters S= Metric equivalent of posted speed limit or 85 percentile speed prior to work in kilometers per hour	50	8	15
30	50	65		9	18	18
35	55	75		10	21	21
40	65	95		12	24	24
45	70	105		14	27	27
50	80	130		15	30	30
55	90	160		16	30	30

* Speed is based on the regulatory posted speed and not advisory speed.
** Lengthen taper as needed to provide minimum of three channelizing devices in taper at required spacing.

SIGN SPACING TABLE			
ROAD TYPE	DISTANCE BETWEEN SIGNS IN METERS		
	A	B	C
Urban 65 km/hr or less (≤ 45 mph)	30	30	30
Urban 70km/hr or greater (>45 mph)	100	100	100
Rural	150	150	150
Expressway/Freeway	300	450	800

- NOTE:
- Signs are shown for one direction of travel only. Place devices similar to those depicted for the opposite direction of travel.
 - Final location and spacing of signs and devices may be changed to fit field conditions as approved by the CO.
 - Refer to Special Contract Requirements, Section 156, for minimum width.
 - Install temporary pavement markings if roadway surface is paved. Remove conflicting pavement markings. If nearest no-passing zone is within 120 m, extend markings to connect zones.
 - If closure is completely within the project limits, eliminate the 'END ROAD WORK' sign (G20-2).
 - Install 'PASS WITH CARE' SIGN (R4-2) at ends of no-passing zone if directed by the CO.
 - Omit the W14-3 sign if already within a no-passing zone.
 - Do not allow equipment, materials, or vehicles to be parked or stored in the buffer space.
 - Reduce or eliminate drums in downstream taper if necessary to provide access to work space.
 - If signs will be in place more than 72 hours consecutive hours, use ground-mounted post as shown on M635-1.
 - Dimensions not labeled are in millimeters.



U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

METRIC DETAIL
CONSTRUCTION TRAFFIC CONTROL
PART LANE WIDTH AND
SHOULDER CLOSURE LAYOUT

DETAIL APPROVED FOR USE 05/2003
REVISED: 06/2004

DETAIL
CM635-11

NO SCALE